KEY WORD INDEX

Activated macrophages
Tumour necrosis factor; Crisis form; *Plasmodium chabaudi; Plasmodium falciparum* (Clark, I. A., 175)

ADCC
Malaria; Hepatic stage; Cytokine; CD4+ T cell; Liver nonparenchymal cell (NPC) (Mazier, D., 65)

Adhesion molecule
Cerebral malaria; Tumor necrosis factor; Cytokine; Interferon-γ; Immunopathology (Grau, G. E., 189)

Adjuvant
Vaccine; Vector; Carrier; Immunomodifier (Lussow, A. R., 255)

Adjuvant
Liposome; Malaria; *Plasmodium falciparum*; Vaccine; Endotoxin; Lipid A (Alving, C. R., 275)

Alpha-fetoprotein
Epitope; Monoclonal antibody; Enzyme-linked immunosorbent assay (Yazova, A. K., 325)

Anaemia
Barrier cell; Malaria; Spleen (Weiss, L., 165)

ANKA
Tumour necrosis factor; *Plasmodium berghei*; Cerebral malaria (Clark, I. A., 195)

Antibody
Malaria; *Plasmodium chabaudi chabaudi*; Antigenic variation; Immunity; T cell (Brown, K. N., 97)

Antibody
Substance P; Compound 48/80; Mastoparan; G protein; Pertussis toxin (Mousli, M., 355)

Antibody-conjugated enzyme
HIV-1; Targeted killing (Chouchane, L., 359)

Antigen presentation
Antigen processing; T cell epitope; Epitope mapping (Corradin, G., 11)

Antigen processing
Antigen presentation; T cell epitope; Epitope mapping (Corradin, G., 11)

Antigen-major histocompatibility gene complex interaction
Malaria vaccine; *Plasmodium falciparum*; Antigenic peptide; Human T cell clone (Sinigaglia, F., 265)

Antigenic variation
Malaria; *Plasmodium chabaudi chabaudi*; Immunity; Antibody; T cell (Brown, K. N., 97)

Antigenic peptide
Malaria vaccine; *Plasmodium falciparum*; Antigen-major histocompatibility gene complex interaction; Human T cell clone (Sinigaglia, F., 265)

Antitumor cytostasis
Macrophages; Mediator of inflammation; Eicosanoid; Cytokine (Bonta, I. L., 295)

Autism
CD4+ T cell; Immune abnormalities (Yonk, L. J., 341)

B cell epitope
Malaria; Gamete antigen; Lymphoproliferation; Immune regulation; Interferon-γ (Targett, G. A. T., 77)

B cell help
Plasmodium falciparum malaria; Pf155/RESA; T-cell epitope; IL-4; IFN-γ (Troye-Blomberg, M., 129)

Barrier cell
Anaemia; Malaria; Spleen (Weiss, L., 165)

Blood stage parasite
Non-specific killing (Playfair, J. H. L., 173)

Carrier
Vaccine; Vector; Adjuvant; Immunomodifier (Lussow, A. R., 255)

CD4+ cell
Malaria; Hepatic stage; ADCC; Cytokine; Liver nonparenchymal cell (NPC) (Mazier, D., 65)

CD4+ T cell
Malaria; *Plasmodium chabaudi* (Langhorne, J., 101)

CD4+ T cell
Plasmodium vinckei; Plasmodium yoelii (Kumar, S., 109)

CD4+ T cell
Autism; Immune abnormalities (Yonk, L. J., 341)

CD8+ T cell
Plasmodium yoelii; Plasmodium berghei; Sporozoite; Immunogenetics (Weiss, W. R., 39)

CD8+ T cell
Malaria; Cell-mediated immunity; Immunoregulation (Weidanz, W. P., 87)

Cell-mediated immunity
Malaria; CD8+ cell; Immunoregulation (Weidanz, W. P., 87)

Cell-mediated immunity
Malaria; Soluble antigen; Immunosuppression (Bayoumi, R. A., 243)

Cell-mediated immunity
Malaria; Immune response; Immunoglobulin (Morein, B., 281)

Cellular immunity
γδ T cell; Falciparum malaria; Cytotoxicity (Ho., M., 139)

Cellular immune response
Malaria antigen; Endemic population; In vitro assay (Riley, E., 221)

Cellular response
Plasmodium falciparum; Pf155/RESA; Circumsporozoite protein (Chougnet, C., 231)

Cerebral malaria
Tumour necrosis factor; Cytokine; Interferon-γ; Adhesion molecule; Immunopathology (Grau, G. E., 189)

Cerebral malaria
Tumour necrosis factor; *Plasmodium berghei*; ANKA (Clark, I. A., 195)

Cerebral malaria
Falciparum malaria; Pathology; PRBC sequestration; Coma scale (Riganti, M., 199)

Cerebral malaria
Plasmodium falciparum; Fever; Tumour necrosis factor (Kwiatkowski, D., 213)

Chimpanzee
Plasmodium vivax; Sporozoite; T cell response; Human (Nardin, E. H., 43)

Circumsporozoite protein
T cell epitope; Variation; *Plasmodium falciparum* (Nussenzweig, R. S., 21)

Circumsporozoite protein
Malaria immunity; Independent origins of mutation; Dihydrofolate reductase; *Plasmodium falciparum*; Cytotoxic T cell; Drug resistance (McCutchan, T. F., 23)

Circumsporozoite protein
Cytolytic T cells (CTL); Malaria; *Plasmodium berghei; Plasmodium yoelii* (Romero, P., 27)

Circumsporozoite protein
Malaria; Sporozoite vaccine (Good, M. F., 49)

Circumsporozoite protein
Plasmodium falciparum; Cellular response; Pf155/RESA (Chougnet, C., 231)

Class I major histocompatibility complex
pCTL-2 induction and activation; Enrichment by elution from the MF monolayer; rIL-2; Monoclonal antibody (Brondz, B. D., 319)

Coma scale
Falciparum malaria; Cerebral malaria; Pathology; PRBC sequestration (Riganti, M., 199)

Compound 48/80
Substance P; Mastoparan; G proteins; Pertussis toxin; Antibody (Mousli, M., 355)

Contact-mediated inhibition
NK; Monolayer (Yagita, M., 347)

Crisis factor
Malaria; *Plasmodium falciparum*; Parasite growth inhibition; Soluble factor (Herrera, S., 251)

Crisis form
Tumour necrosis factor; *Plasmodium chabaudi; Plasmodium falciparum*; Activated macrophages (Clark, I. A., 175)

Cytokine
Malaria; *Plasmodium chabaudi* AS; Interferon-γ; Tumour necrosis factor (Stevenson, M. M., 115)

Cytokine
Plasmodium falciparum; Neutrophil; Macrophage; Tumour necrosis factor; Cytokine inhibitor (Ferrante, A., 179)

Cytokine
Malaria; Paroxysm; *Plasmodium vivax* (Mendis, K. N., 217)

Cytokine
Macrophages; Antitumor cytostasis; Mediator of inflammation; Eicosanoid (Bonta, I. L., 295)

Cytokine inhibitor
Plasmodium falciparum; Neutrophil; Macrophage; Cytokine; Tumour necrosis factor (Ferrante, A., 179)

Cytokine
Malaria; Hepatic stage; ADCC; $CD4^+$ T cells; Liver nonparenchymal cells (NPC) (Mazier, D., 65)

Cytokine
Cerebral malaria; Tumour necrosis factor; Interferon-γ; Adhesion molecule; Immunopathology (Grau, G. E., 189)

Cytolytic T cell
Malaria; *Plasmodium berghei; Plasmodium yoelii*; Circumsporozoite (CS) protein (Romero, P., 27)

Cytotoxic T cell
Malaria immunity; Independent origins of mutation; Circumsporozoite protein; Dihydrofolate reductase; *Plasmodium falciparum*; Drug resistance (McCutchan, T. F., 23)

Cytotoxic T lymphocyte
Malaria; Sporozoite; *Plasmodium*; Hepatocyte; Vaccine (Hoffman, S. L., 33)

Cytotoxicity
$\gamma\delta$ T cell; Falciparum malaria; Cellular immunity (Ho, M., 139)

Dexamethasone
$Fc\varepsilon R2/CD23$; EoL-3; TGF-β; IFN-α; IFN-γ (Watanabe, H., 313)

Dihydrofolate reductase
Malaria immunity; Independent origins of mutation; Circumsporozoite protein; *Plasmodium falciparum*; Cytotoxic T cell; Drug resistance (McCutchan, T. F., 23)

Dimorphic sequence
Plasmodium falciparum gp190; T cell epitope (Crisanti, A., 143)

Drug resistance
Malaria immunity; Independent origins of mutation; Circumsporozoite protein; Dihydrofolate reductase; *Plasmodium falciparum*; Cytotoxic T cell (McCutchan, T. F., 23)

Eicosanoid
Macrophages; Antitumor cytostasis; Mediator of inflammation; Cytokine (Bonta, I. L., 295)

Endemic population
Malaria antigen; Cellular immune response; In vitro assay (Riley, E., 221)

Endotoxin
Liposome; Malaria; *Plasmodium falciparum*; Vaccine; Adjuvant; Lipid A (Alving, C. R., 275)

Enrichment by elution from the MF monolayer
pCTL-2 induction and activation; rIL-2; Class I major histocompatibility complex; Monoclonal antibody (Brondz, B. D., 319)

Enzyme-linked immunosorbent assay
Alpha-fetoprotein; Epitope; Monoclonal antibody (Yazova, A. K., 325)

EoL-3
$Fc\varepsilon R2/CD23$; TGF-β; Dexamethasone; IFN-α; IFN-γ (Watanabe, H., 313)

Epidemiology
Plasmodium falciparum; Malaria; Lymphocyte; Immunosuppression (Theander, T. G., 237)

Epitope
Alpha-fetoprotein; Monoclonal antibody; Enzyme-linked immunosorbent assay (Yazova, A. K., 325)

Epitope mapping
Antigen presentation; Antigen processing; T cell epitope (Corradin, G., 11)
Exoerythrocytic
Malaria; Vaccine; Sporozoite; Non-CS; Protection (Hollingdale, M. R., 71)

Falciparum malaria
T cell; Immunodepression; Polyclonal activation (Ho, M., 135)
Falciparum malaria
γδ T cell; Cellular immunity; Cytotoxicity (Ho, M., 139)
Falciparum malaria
Cerebral malaria; Pathology; PRBC sequestration; Coma scale (Riganti, M., 199)
FcεR2/CD23
EoL-3; TGF-β; Dexamethasone; IFN-α; IFN-γ (Watanabe, H., 313)
FcγRII Human B cell
Polyclonal antibody (Rozsnyay, Z., 303)
Fever
Plasmodium falciparum; Cerebral malaria; Tumour necrosis factor (Kwiatkowski, D.,213)

G proteins
Substance P; Compound 48/80; Mastoparan; Pertussis toxin; Antibody (Mousli, M., 355)
Gamete antigen
Malaria; B cell epitope; Lymphoproliferation; Immune regulation; Interferon-γ (Targett, G. A. T., 77)

HIV-1
Targeted killing; Antibody-conjugated enzyme (Chouchane, L., 359)
Helper epitope
Synthetic peptide; *Plasmodium berghei*; Sporozoite; Vaccine (Zavala, F., 271)
Hepatic stages
Malaria; ADCC; Cytokine; $CD4^+$ T cell; Liver nonparenchymal cell (NPC) (Mazier, D., 65)
Hepatocyte
Leishmania; Malaria; Nitric oxide; Macrophage; Interferon-γ; Tumour necrosis factor α (Green, S. J., 15)
Hepatocyte
Malaria; Sporozoite; *Plasmodium*; Cytotoxic T lymphocyte; Vaccine (Hoffman, S. L., 33)
Human
Plasmodium vivax; Sporozoite; T cell response; Chimpanzee (Nardin, E. H., 43)
Human B cell
FcγRII; Polyclonal antibody (Rozsnyay, Z., 303)
Human T cell clone
Malaria vaccine; *Plasmodium falciparum*; Antigen-major histocompatibility gene complex interaction; Antigenic peptide (Sinigaglia, F., 265)

IFN-αIFN-γ
FcεR2/CD23; EoL-3; TGF-β; Dexamethasone (Watanabe, H., 313)

rIL-2
pCTL-2 induction and activation; Enrichment by elution from the MF monolayer; Class I major histocompatibility complex; Monoclonal antibody (Brondz, B. D., 319)
IL-2
Plasmodium chabaudi adami; Plasmodium chabaudi, strain 1309; IFN-γ; IL-4; Macrophage; Intraerythrocytic parasite (Shear, H. L., 123)
IL-4
Plasmodium chabaudi adami; Plasmodium chabaudi, strain 1309; IFN-γ; IL-2; Macrophage; Intraerythrocytic parasite (Shear, H. L., 123)
IL-4
Plasmodium falciparum malaria; Pf155/RESA; T cell epitope; IFN-γ; B cell help (Troye-Blomberg, M., 129)
Immune abnormalities
Autism; $CD4^+$ T cell (Yonk, L. J., 341)
Immune regulation
Malaria; Gamete antigen; B cell epitope; Lymphoproliferation; Interferon-γ (Targett, G. A. T., 77)
Immune response
Malaria; Immunoglobulin; Cell-mediated immunity (Morein, B., 281)
Immunity
Malaria; *Plasmodium chabaudi chabaudi*; Antigenic variation; Antibody; T cell (Brown, K. N., 97)
Immunodepression
T cells; Polyclonal activation; Falciparum malaria (Ho, M., 135)
Immunogenetics
Plasmodium yoelii; Plasmodium berghei; Sporozoite; $CD8^+$ T cell (Weiss, W. R., 39)
Immunoglobulin
Malaria; Immune response; Cell-mediated immunity (Morein, B., 281)
Immunomodifier
Vaccine; Vector; Carrier; Adjuvant (Lussow, A. R., 255)
Immunopathology
Cerebral malaria; Tumour necrosis factor; Cytokine; Interferon-γ; Adhesion molecule (Grau, G. E., 189)
Immunoregulation
Malaria; Cell-mediated immunity; $CD8^+$ T cell (Weidanz, W. P., 87)
Immunosuppression
Plasmodium falciparum; Malaria; Lymphocyte; Epidemiology (Theander, T. G., 237)
Immunosuppression
Malaria; Cell-mediated immunity; Soluble antigen (Bayoumi, R. A., 243)
In vitro assay
Malaria antigen; Cellular immune response; Endemic population (Riley, E., 221)
Independent origins of mutation
Malaria immunity; Circumsporozoite protein; Dihydrofolate reductase; *Plasmodium falciparum*; Cytotoxic T cell; Drug resistance (McCutchan, T. F., 23)
Interferon-γ
Leishmania; Malaria; Nitric oxide; Macrophage; Hepatocyte; Tumour necrosis factor α (Green, S. J., 15)

Interferon
Plasmodium cynomolgi; Malaria (Maheshwari, R. K., 53)
Interferon-γ
Malaria; Gamete antigen B cell epitope; Lymphoproliferation; Immune regulation (Targett, G. A. T., 77)
Interferon-γ
Malaria; *Plasmodium chabaudi* AS; Cytokine; Tumour necrosis factor (Stevenson, M. M., 115)
Interferon-γ
Plasmodium chabaudi adami; Plasmodium chabaudi, strain 1309; IL-2; IL-4; Macrophage; Intraerythrocytic parasite (Shear, H. L., 123)
Interferon-γ
Plasmodium falciparum malaria; Pf155/RESA; T cell epitope; IL-4; B cell help (Troye-Blomberg, M., 129)
Interferon-γ
Cerebral malaria; Tumour necrosis factor; Cytokine; Adhesion molecule; Immunopathology (Grau, G. E., 189)
Interleukin-1
Endothelium; Tumour necrosis factor; Leukocyte; Neutrophil (Morzycki, W., 331)
Intraerythrocytic parasite
Plasmodium chabaudi adami; Plasmodium chabaudi, strain 1309; IFN-γ; IL-2; IL-4; Macrophage (Shear, H. L., 123)

Leishmania
Malaria; Nitric oxide; Macrophage; Hepatocyte; Interferon-γ; Tumour necrosis factor α (Green, S. J., 15)
Leukocyte
Endothelium; Interleukin-1; Tumour necrosis factor; Neutrophil (Morzycki, W., 331)
Lipid A
Liposome; Malaria; *Plasmodium falciparum*; Vaccine, Adjuvant; Endotoxin (Alving, C. R., 275)
Liposome
Malaria; *Plasmodium falciparum*; Vaccine; Adjuvant; Endotoxin; Lipid A (Alving, C. R., 275)
Liver nonparenchymal cells (NPC)
Malaria; Hepatic stage; ADCC; Cytokine; $CD4^+$ T cells (Mazier, D., 65)
Lymphocyte
Plasmodium falciparum; Malaria; Immunosuppression; Epidemiology (Theander, T. G., 237)
Lymphokine
Malaria; Sporozoite; Synthetic peptide; T cell clone (Del Giudice, G., 59)
Lymphoproliferation
Malaria; Gamete antigen; B cell epitope; Immune regulation; Interferon-γ (Targett, G. A. T., 77)

Macrophage
Leishmania; Malaria; Nitric oxide; Hepatocyte; Interferon-γ; Tumour necrosis factor α (Green, S. J., 15)
Macrophage
Plasmodium chabaudi adami; Plasmodium chabaudi, strain 1309; IFN-γ; IL-2; IL-4; Intraerythrocytic parasite (Shear, H. L., 123)
Macrophage
Plasmodium falciparum; Neutrophil; Cytokine; Tumour necrosis factor; Cytokine inhibitor (Ferrante, A., 179)
Macrophage
Malaria exoantigen; Tumour necrosis factor; Pathology; Toxin (Taverne, J., 207)
Macrophages
Antitumor cytostasis; Mediator of inflammation; Eicosanoid; Cytokine (Bonta, I. L., 295)
Malaria
Leishmania; Nitric oxide; Macrophage; Hepatocyte; Interferon-γ; Tumour necrosis factor α (Green, S. J., 15)
Malaria
Cytolytic T cell (CTL); *Plasmodium berghei; Plasmodium yoelii*; Circumsporozoite (CS) protein (Romero, P., 27)
Malaria
Sporozoite; *Plasmodium*; Cytotoxic T lymphocyte; Hepatocyte; Vaccine (Hoffman, S. L., 33)
Malaria
Circumsporozoite protein; Sporozoite vaccine (Good, M. F., 49)
Malaria
Interferon; *Plasmodium cynomolgi* (Maheshwari, R. K., 53)
Malaria
Lymphokine; Sporozoite; Synthetic peptide; T cell clone (Del Giudice, G., 59)
Malaria
Hepatic stage; ADCC; Cytokine; $CD4^+$ T cells; Liver nonparenchymal cell (NPC) (Mazier, D., 65)
Malaria
Vaccine; Sporozoite; Exoerythrocytic; Non-CS; Protection (Hollingdale, M. R., 71)
Malaria
Gamete antigen; B cell epitope; Lymphoproliferation; Immune regulation; Interferon-γ (Targett, G. A. T., 77)
Malaria
Plasmodium falciparum; Sexual stage; Pfs25; Vaccinia; Transmission blocking immunity (Kaslow, D. C., 83)
Malaria
Cell-mediated immunity; $CD8^+$ T cells; Immunoregulation (Weidanz, W. P., 87)
Malaria
Plasmodium chabaudi chabaudi; Antigenic variation; Immunity; Antibody; T cell (Brown, K. N., 97)
Malaria
Plasmodium chabaudi; $CD4^+$ T cell (Langhorne, J., 101)
Malaria
Plasmodium chabaudi AS; Cytokine; Interferon-γ; Tumour necrosis factor (Stevenson, M. M., 115)
Malaria
Anaemia; Barrier cell; Spleen (Weiss, L., 165)
Malaria
Cytokine; Paroxysm; *Plasmodium vivax* (Mendis, K. N., 217)
Malaria
Plasmodium falciparum; Lymphocyte; Immunosuppression; Epidemiology (Theander, T. G., 237)
Malaria
Cell-mediated immunity; Soluble antigen; Immunosuppression (Bayoumi, R. A., 243)
Malaria
Crisis factor; *Plasmodium falciparum*; Parasite growth inhibi-

tion; Soluble factor (Herrera, S., 251)

Malaria
Liposomes; *Plasmodium falciparum*; Vaccine; Adjuvant; Endotoxin; Lipid A (Alving, C. R., 275)

Malaria
Immune response; Immunoglobulin; Cell-mediated immunity (Morein, B., 281)

Malaria antigen
Cellular immune response; Endemic population; In vitro assay (Riley, E., 221)

Malaria exoantigen
TNF; Pathology; Macrophage; Toxin (Taverne, J., 207)

Malaria immunity
Independent origins of mutation; Circumsporozoite protein; Dihydrofolate reductase; *Plasmodium falciparum*; Cytotoxic T cell; Drug resistance (McCutchan, T. F., 23)

Malaria vaccine
Plasmodium falciparum; Antigen-major histocompatibility gene complex interaction; Antigenic peptide; Human T cell clone (Sinigaglia, F., 265)

Mastoparan
Substance P; Compound 48/80; G proteins; Pertussis toxin; Antibody (Mousli, M., 355)

Mediator of inflammation
Macrophages; Antitumor cytostasis; Eicosanoid; Cytokine (Bonta, I. L., 295)

Merozoite surface antigen
Plasmodium falciparum; T cell epitope; Peptide; Vaccine (Rzepczyk, C. M., 155)

Monoclonal antibody
pCTL-2 induction and activation; Enrichment by elution from the MF monolayer; rIL-2; Class I major histocompatibility complex (Brondz, B. D., 319)

Monoclonal antibody
Alpha-fetoprotein; Epitope; Enzyme-linked immunosorbent assay (Yazova, A. K., 325)

Monolayer
NK; Contact-mediated inhibition (Yagita, M., 347)

NK
Monolayer; Contact-mediated inhibition (Yagita, M., 347)

Neutrophil
Plasmodium falciparum; Macrophage; Cytokine; Tumour necrosis factor; Cytokine inhibitor (Ferrante, A., 179)

Neutrophil
Endothelium; Interleukin-1; Tumour necrosis factor; Leukocyte (Morzycki, W., 331)

Nitric oxide
Leishmania; Malaria; Macrophage; Hepatocyte; Interferon-γ; Tumour necrosis factor α (Green, S. J., 15)

Non-CS
Malaria; Vaccine; Sporozoite; Exoerythrocytic; Protection (Hollingdale, M. R., 71)

Non-specific killing
Blood stage parasite (Playfair, J. H. L., 173)

PRBC sequestration
Falciparum malaria; Cerebral malaria; Pathology; Coma scale (Riganti, M., 199)

Parasite growth inhibition
Malaria; Crisis factor; *Plasmodium falciparum*; Soluble factor (Herrera, S., 251)

Paroxysm
Malaria; Cytokine; *Plasmodium vivax* (Mendis, K. N., 217)

Pathology
Falciparum malaria; Cerebral malaria; PRBC sequestration; Coma scale (Riganti, M., 199)

Pathology
Malaria exoantigen; Tumour necrosis factor; Macrophage; Toxin (Taverne, J., 207)

Peptide
Plasmodium falciparum; Merozoite surface antigen; T cell epitope; Vaccine (Rzepczyk, C. M., 155)

Pertussis toxin
Substance P; Compound 48/80; Mastoparan; G proteins; Antibody (Mousli, M., 355)

Pf155/RESA
Plasmodium falciparum malaria; T cell epitope; IL-4; IFN-γ; B-cell help (Troye-Blomberg, M., 129)

Pf155/RESA
Plasmodium falciparum; Cellular response; Circumsporozoite protein (Chougnet, C., 231)

Pfs25
Plasmodium falciparum; Malaria; Sexual stage; Vaccinia; Transmission blocking immunity (Kaslow, D. C., 83)

Plasmodium falciparum
T cell epitope; Variation; Circumsporozoite protein (Nussenzweig, R. S., 21)

Plasmodium falciparum
Malaria immunity; Independent origins of mutation; Circumsporozoite protein; Dihydrofolate reductase; Cytotoxic T cell; Drug resistance (McCutchan, T. F., 23)

Plasmodium berghei
Cytolytic T cell; Malaria; *Plasmodium yoelii*; Circumsporozoite protein (Romero, P., 27)

Plasmodium yoelii
Cytolytic T cell (CTL); Malaria; *Plasmodium berghei*; Circumsporozoite protein (Romero, P., 27)

Plasmodium
Malaria; Sporozoite; Cytotoxic T lymphocyte; Hepatocyte; Vaccine (Hoffman, S. L., 33)

Plasmodium yoelii
Plasmodium berghei; Sporozoite; $CD8^+$ T cell; Immunogenetics (Weiss, W. R., 39)

Plasmodium berghei
Plasmodium yoelii; Sporozoite; $CD8^+$ T cell; Immunogenetics (Weiss, W. R., 39)

Plasmodium vivax
Sporozoite; T cell response; Human; Chimpanzee (Nardin, E. H., 43)

Plasmodium cynomolgi
Interferon; Malaria (Maheshwari, R. K., 53)

Plasmodium falciparum
Malaria; Sexual stage; Pfs25; Vaccinia; Transmission blocking immunity (Kaslow, D. C., 83)

Plasmodium chabaudi chabaudi
Malaria; Antigenic variation; Immunity; Antibody; T cell (Brown, K. N., 97)

Plasmodium chabaudi
Malaria; CD4+ T cell (Langhorne, J., 101)
Plasmodium vinckei
Plasmodium yoelii; CD4+ T cell (Kumar, S., 109)
Plasmodium yoelii
Plasmodium vinckei; CD4+ T cell (Kumar, S., 109)
***Plasmodium chabaudi* AS**
Malaria; Cytokine; Interferon-γ; Tumour necrosis factor (Stevenson, M. M., 115)
Plasmodium chabaudi adami
Plasmodium chabaudi, strain 1309; IFN-γ; IL-2; IL-4; Macrophage; Intraerythrocytic parasites (Shear, H. L., 123)
***Plasmodium chabaudi*, strain 1309**
Plasmodium chabaudi adami; IFN-γ; IL-2; IL-4; Macrophage; Intraerythrocytic parasites (Shear, H. L., 123)
***Plasmodium falciparum* malaria**
Pf155/RESA; T cell epitope; IL-4; IFN-γ; B-cell help (Troye-Blomberg, M., 129)
***Plasmodium falciparum* gp190**
Dimorphic sequence; T cell epitope (Crisanti, A., 143)
Plasmodium falciparum
SERP antigen; T cell epitope (Roussilhon, C., 149)
Plasmodium falciparum
Merozoite surface antigen; T cell epitope; Peptide; Vaccine (Rzepczyk, C. M., 155)
Plasmodium chabaudi
Tumour necrosis factor; Crisis form; *Plasmodium falciparum*; Activated macrophage (Clark, I. A., 175)
Plasmodium falciparum
Tumour necrosis factor; Crisis form; *Plasmodium chabaudi*; Activated macrophage (Clark, I. A., 175)
Plasmodium falciparum
Neutrophil; Macrophage; Cytokine; Tumour necrosis factor; Cytokine inhibitor (Ferrante, A., 179)
Plasmodium berghei
Tumour necrosis factor; ANKA; Cerebral malaria (Clark, I. A., 195)
Plasmodium falciparum
Fever; Cerebral malaria; Tumour necrosis factor (Kwiatkowki, D., 213)
Plasmodium vivax
Malaria; Cytokine; Paroxysm (Mendis, K. N., 217)
Plasmodium falciparum
Cellular response; Pf155/RESA; Circumsporozoite protein (Chougnet, C., 231)
Plasmodium falciparum
Malaria; Lymphocyte; Immunosuppression, Epidemiology (Theander, T. G., 237)
Plasmodium falciparum
Malaria; Crisis factor; Parasite growth inhibition; Soluble factor (Herrera, S., 251)
Plasmodium falciparum
Malaria vaccine; Antigen-major histocompatibility gene complex interaction; Antigenic peptide; Human T-cell clone (Sinigaglia, F., 265)
Plasmodium berghei
Synthetic peptide; Sporozoite; Vaccine; Helper epitope (Zavala, F., 271)
Plasmodium falciparum
Liposome; Malaria; Vaccine; Adjuvant; Endotoxin; Lipid A (Alving, C. R., 275)
Polyclonal activation
T cells; Immunodepression; Falciparum malaria (Ho, M., 135)
Polyclonal antibody
FcγRII; Human B cell (Rozsnyay, Z., 303)
Protection
Malaria; Vaccine; Sporozoite; Exoerythrocytic; Non-CS (Hollingdale, M. R., 71)

SERP antigen
Plasmodium falciparum; T cell epitope (Roussilhon, C., 149)
Sexual stage
Plasmodium falciparum; Malaria; Pfs25; Vaccinia; Transmission blocking immunity (Kaslow, D. C., 83)
Soluble antigens
Malaria; Cell-mediated immunity; Immunosuppression (Bayoumi, R. A., 243)
Soluble factor
Malaria; Crisis factor; *Plasmodium falciparum*; Parasite growth inhibition (Herrera, S., 251)
Spleen
Anaemia; Barrier cell; Malaria (Weiss, L., 165)
Sporozoite
Malaria; *Plasmodium*; Cytotoxic T lymphocyte; Hepatocyte; Vaccine (Hoffman, S. L., 33)
Sporozoite
Plasmodium yoelii; Plasmodium berghei; CD8+ T cell; Immunogenetics (Weiss, W. R., 39)
Sporozoite
Plasmodium vivax; T cell response; Human; Chimpanzee (Nardin, E. H., 43)
Sporozoite
Malaria; Vaccine; Exoerythrocytic; Non-CS; Protection (Hollingdale, M. R., 71)
Sporozoite
Synthetic peptide; *Plasmodium berghei*; Vaccine; Helper epitope (Zavala, F., 271)
Sporozoites
Lymphokine; Malaria; Synthetic peptide; T cell clone (Del Giudice, G., 59)
Sporozoite vaccine
Malaria; Circumsporozoite protein (Good, M. R., 49)
Substance P
Compound 48/80; Mastoparan; G proteins; Pertussis toxin; Antibody (Mousli, M., 355)
Synthetic peptide
Lymphokine; Malaria; Sporozoite; T cell clone (Del Giudice, G., 59)
Synthetic peptide
Plasmodium berghei; Sporozoite; Vaccine; Helper epitope (Zavala, F., 271)

T cell
Malaria; *Plasmodium chabaudi chabaudi*; Antigenic variation; Immunity; Antibody (Brown, K. N., 97)
T cell
Immunodepression; Polyclonal activation; Falciparum malar-

ia (Ho, M., 135)
T cell clone
Lymphokine; Malaria; Sporozoite; Synthetic peptide (Del Giudice, G., 59)
T cell epitope
Antigen presentation; Antigen processing; Epitope mapping (Corradin, G., 11)
T cell epitope
Variation; *Plasmodium falciparum*; Circumsporozoite protein (Nussenzweig, R. S., 21)
T cell epitope
Plasmodium falciparum gp190; Dimorphic sequence (Crisanti, A., 143)
T cell epitope
Plasmodium falciparum; SERP antigen (Roussilhon, C., 149)
T cell epitope
Plasmodium falciparum; Merozoite surface antigen; Peptide; Vaccine (Rzepczyk, C. M., 155)
T cell response
Plasmodium vivax; Sporozoite; Human; Chimpanzee (Nardin, E. H., 43)
T cell epitope
Plasmodium falciparum malaria, Pf155/RESA; IL-4; IFN-γ; B-cell help (Troye-Blomberg, M., 129)
TGF-β
FcεR2/CD23; EoL-3; Dexamethasone; IFN-α; IFN-γ (Watanabe, H., 313)
γδ T cell
Falciparum malaria; Cellular immunity; Cytotoxicity (Ho, M., 139)
Toxin
Malaria exoantigen; TNF; Pathology; Macrophage (Taverne, J., 207)
Transmission blocking immunity
Plasmodium falciparum; Malaria; Sexual stage; Pfs25; Vaccinia (Kaslow, D. C., 83)
Tumour necrosis factor
Malaria; *Plasmodium chabaudi* AS; Cytokine; Interferon-γ (Stevenson, M. M., 115)
Tumour necrosis factor
Cerebral malaria; Cytokine; Interferon-γ; Adhesion molecule; Immunopathology (Grau, G. E., 189)
Tumour necrosis factor
Crisis form; *Plasmodium chabaudi; Plasmodium falciparum*; Activated macrophage (Clark, I. A., 175)
Tumour necrosis factor
Plasmodium falciparum; Neutrophil; Macrophage; Cytokine; Cytokine inhibitor (Ferrante, A., 179)
Tumour necrosis factor
Plasmodium berghei; ANKA; Cerebral malaria (Clark, I. A., 195)
Tumour necrosis factor
Malaria exoantigen; Pathology; Macrophage; Toxin (Taverne, J., 207)
Tumour necrosis factor
Plasmodium falciparum; Fever; Cerebral malaria (Kwiatkowski, D., 213)
Tumour necrosis factor α
Leishmania; Malaria; Nitric oxide; Macrophage; Hepatocyte; Interferon-γ (Green, S. J., 15)
Tumour necrosis factor
Endothelium; Interleukin-1; Leukocyte; Neutrophil (Morzycki, W., 331)

Vaccine
Malaria; Sporozoite; *Plasmodium*; Cytotoxic T lymphocyte; Hepatocyte (Hoffman, S. L., 33)
Vaccine
Malaria; Sporozoite; Exoerythrocytic; Non-CS; Protection (Hollingdale, M. R., 71)
Vaccine
Plasmodium falciparum; Merozoite surface antigen; T cell epitope; Peptide (Rzepczyk, C. M., 155)
Vaccine
Vector; Carrier; Adjuvant; Immunomodifier (Lussow, A. R., 255)
Vaccine
Synthetic peptide; *Plasmodium berghei*; Sporozoite; Helper epitope (Zavala, F., 271)
Vaccine
Liposomes; Malaria; *Plasmodium falciparum*; Adjuvant; Endotoxin; Lipid A (Alving, C. R., 275)
Vaccinia
Plasmodium falciparum; Malaria; Sexual stage; Pfs25; Transmission blocking immunity (Kaslow, D. C., 83)
Variation
T cell epitope; *Plasmodium falciparum*; Circumsporozoite protein (Nussenzweig, R. S., 21)
Vector
Vaccine; Carrier; Adjuvant; Immunomodifier (Lussow, A. R., 255)

AUTHOR INDEX

Abdulhadi, N. H., see Bayoumi, R. A., 243
Abdulhadi, N. H., see Theander, T. G., 237
Abu-Zeid, Y. A., see Bayoumi, R. A., 243
Abu-Zeid, Y. A., see Theander, T. G. 237
Agrapart, M., see Roussilhon, C., 149
Aguado, M. T., see Lussow, A. R., 255
Aikawa, M., see Hollingdale, M. R., 71
Aikawa, M., see Riganti, M., 199
Alving, C. R. and Richards, R. L., Liposomes containing lipid A: a potent nontoxic adjuvant for a human malaria sporozoite vaccine, 275
Aptikaeva, G. G., see Brondz, B. D., 319
Atkinson, C. T., see Hollingdale, M. R., 71

Ballet, J. J., see Roussilhon, C., 149
Ballou, W. R., see Hollingdale, M. R., 71
Barbier, S., see Chouchane, L., 359
Bate, C. A. W., see Taverne, J., 207
Baxter, E. P.,, see Rzepczyk, C. M., 155
Bayoumi, R. A., Abu-Zeid, Y. A., Abdulhadi, N. H., Saeed, B. O., Theander, T. G., Viid, L. H., Ghalib, H. W., Nugud, A. H. D., Jepsen, S. and Jensen, J. B., Cell-mediated immune responses to *Plasmodium falciparum* purified soluble antigens in sickle-cell trait subjects, 243
Bayoumi, R. A. L., see Theander, T. G., 237
Ben-Efraim, S., see Bonta, I. L., 295
Bhartiya, D., see Maheshwari, R. K., 53
Bieler, G., see Grau, G. E., 189
Bockaert, J., see Mousli, M., 355
Bonta, I. L., and Ben-Efraim, S., Interactions between inflammatory mediators in expression of antitumor cytostatic activity of macrophages, 295
Bringman, T., see Chouchane, L., 359
Brondz, B. D., Osipova, T. V., Aptikaeva, G. G. and Kronin, V. V., Special differentiation requirements of original and enriched secondary cytotoxic T lymphocyte precursors (pCTL-2 memory cell) specific for the class I histocompatibility molecule, 319
Bronner, C., see Mousli, M., 355
Brown, K. N., The parasitology of malaria and the study of protective immunity, 97
Bujard, H., see Crisanti, A., 143
Burger, R. A., see Yonk, L. J., 341
Butcher, G. A., see Clark, I. A., 175

Carter, R., see Mendis, K. N., 217
Cavacini, L. A., see Weidanz, W. P., 87
Chai, S., see Zavala, F., 271
Chen, G., see Hollingdale, M. R., 71
Chouchane, L., Bringman, T., Barbier, S., Traincard, F. and Strosberg, A. D., Targeted killing of yeast expressing a HIV-1 peptide by antibody-conjugated glucose oxidase and horseradish peroxidase, 359
Chougnet, C., Deloron, P., Lepers, J. P., Rason, M. D., Savel, J. and Coulanges, P., Longitudinal study of the cellular response to Pf155/RESA and circumsporozoite protein in Madagascar, 231
Clark, I. A., Cowden, W. B. and Butcher, G. A., TNF and inhibition of growth of *Plasmodium falciparum*, 175
Clark, I. A., Ilschner, S., MacMicking, J. D. and Cowden, W. B., TNF and *Plasmodium berghei* ANKA-induced cerebral malaria, 195
Cole, P., see Yonk, L. J., 341
Cordey, A.-S., see Romero, P., 27
Corradin, G., Antigen processing and presentation, 11
Corradin, G., see Del Giudice, G., 59
Corradin, G., see Mazier, S., 65
Corradin, G., see Romero, P., 27
Coulanges, P., see Chougnet, C., 231
Cowden, W. B., see Clark, I. A., 175
Cowden, W. B., see Clark, I. A., 195
Crisanti, A., Früh, K., Müller, H. M. and Bujard, H., The T cell reactivity against the major merozoite protein of *Plasmodium falciparum*, 143
Csurhes, P. A., see Rzepczyk, C. M., 155

Dayer, J.-M., see Ferrante, A., 179
De Kossodo, S., see Grau, G. E., 189
Del Giudice, G., Grillot, D., Rénia, L., Müller, I., Corradin, G., Louis, J. A., Mazier, D. and Lambert, P.-H., Peptide-primed $CD4^+$ cells and malaria sporozoites, 59
Del Giudice, G., see Mazier, S., 65
Del Giudice, G., see Mendis, K. N., 217
Del Giudice, G., see Lussow, A. R., 255
Deloron, P., see Chougnet, C., 231
Dhawan, B. N., see Maheshwari, R. K., 53
Doran, T. J., see Rzepczyk, C. M., 155
Drapier, J.-C., see Mazier, S., 65
Dubois, P., see Roussilhon, C., 149
Dutta, G. P., see Maheshwari, R. K., 53

Eida, S., see Targett, G. A. T., 77

Ferrante, A., Kumaratilake, L., Rzepczyk, C. M. and Dayer, J.-M., Killing of *Plasmodium falciparum* by cytokine activated effector cells (neutrophils and macrophages), 179
Früh, K., see Crisanti, A., 143

Gergely, J., see Rozsnyay, Z., 303
Ghalib, H. W., see Bayoumi, R. A., 243

Goma, J., see Mazier, S., 65
Good, M. F., Summary of the meeting on cellular mechanisms in malaria immunity, 1
Good, M. F. and Zevering, Y., Peptide analysis of the T cell response to the malaria circumsporozoite (CS) protein, 49
Gorini, G., see Rozsnyay, Z., 303
Goussev, A. I., see Yazova, A. K., 325
Grau, G. E., Bieler, G., Pointaire, P., De Kossodo, S., Tacchini-Cotier, F., Vassalli, P., Piguet, P. F. and Lambert, P. H., Significance of cytokine production and adhesion molecules in malarial immunopathology, 189
Grau, G. E., see Mazier, S., 65
Grau, G. E., see Mendis, K. N., 217
Green, S. J., Mellouk, S., Hoffman, S. L., Meltzer, M. S. and Nacy, C. A., Cellular mechanisms of nonspecific immunity to intracellular infection: cytokine-induced synthesis of toxic nitrogen oxides from L-arginine by macrophages and hepatocytes, 15
Greenwood, B., see Riley, E., 221
Grillot, D., see Del Giudice, G., 59
Grillot, D., see Mazier, S., 65
Guttinger, M., see Sinigaglia, M., 265

Harte, P. G., see Targett, G. A. T., 77
Herrera, M. A., see Herrera, S., 251
Herrera, S., Perlaza, B. L., Sanchez, C. A. and Herrera, M. A., Malaria, crisis activity in sera from individuals of different ethnic groups of Colombia, 251
Ho, M. and Webster, H. K., T cell responses in acute falciparum malaria, 135
Ho, M., Webster, H. K., Tongtawe, P., Pattanapanyasat, K. and Weidanz, W. P., Increased γδ T cells in acute *Plasmodium falciparum* malaria, 139
Hoffman, S. L., Weiss, W., Mellouk, S. and Sedegah, M., Irradiated sporozoite vaccine induces cytotoxic T lymphocytes that recognize malaria antigens on the surface of infected hepatocytes, 33
Hoffman, S. L., see Green, S. J., 15
Hollingdale, M. R., Aikawa, M., Atkinson, C. T., Ballou, W. R., Chen, G., Li, J., Meis, J. F. G. M., Sina, B., Wright, C. and Zhu, J., Non-CS pre-erythrocytic protective antigens, 71
Hundt, E., see Roussilhon, C., 149
Hviid, L., see Theander, T. G., 237
Hviid, L., see Bayoumi, R. A., 243

Ilschner, S., see Clark, I. A., 195
Irving, D. O., see Rzepczyk, C. M., 155
Issekutz, A. C., see Morzycki, W., 331

Jakobsen, P. H., see Theander, T. G., 237
Jensen, J. B., see Bayoumi, R. A., 243
Jensen, J. B., see Theander, T. G., 237
Jepsen, S., see Bayoumi, R. A., 243
Jepsen, S., see Theander, T. G., 237

Kabilan, L., see Troye-Blomberg, M., 129
Karunaweera, N. D., see Mendis, K. N., 217
Kaslow, D. C., Immunogenicity of *Plasmodium falciparum* sexual stage antigens: implications for the design of a transmission blocking vaccine, 83
Kawabe, T., see Watanabe, H., 313
Kere, N., see Rzepczyk, C. M., 155
Knapp, B., see Roussilhon, C., 149
Kronin, V. V., see Brondz, B. D., 319
Kumar, S. and Miller, L. H., Cellular mechanisms in immunity to blood stage infection, 109
Kumaratilake, L., see Ferrante, A., 179
Kwiatkowski, D., Tumour necrosis factor, fever and fatality in falciparum malaria, 213

Lambert, P.-H., see Del Giudice, G., 59
Lambert, P.-H., see Lussow, A. R., 255
Lambert, P.-H., see Grau, G. E., 189
Landry, Y., see Mousli, M., 355
Langhorne, J., Simon-Haarhaus, B. and Meding, S. J., The role of $CD4^+$ T cells in the protective immune response to *Plasmodium chabaudi* in vivo, 101
Lepers, J. P., see Chougnet, C., 231
Li, J., see Hollingdale, M. R., 71
Looareesuwan, S., see Riganti, M., 199
Louis, J. A., see Del Giudice, G., 59
Lussow, A. R., Aguado, M. T., Del Giudice, G. and Lambert, P.-H., Towards vaccine optimisation, 255

MacMicking, J. D., see Clark, I. A., 195
Maheshwari, R. K., Srikantan, V., Bhartiya, D., Puri, S. K., Dutta, G. P. and Dhawan, B. N., Effects of interferon in malaria infection, 53
Marbiah, N. T., see Troye-Blomberg, M., 129
Marussig, M., see Mazier, S., 65
Maryanski, J. L., see Romero, P., 27
Mazier, D., see Del Giudice, G., 59
Mazier, S., Rénia, L., Nussler, A., Pied, S., Marussig, M., Goma, J., Grillot, D., Miltgen, F., Drapier, J.-C., Corradin, G., Del Giudice, G. and Grau, G. E., Hepatic phase of malaria is the target of cellular mechanisms induced by the previous and the subsequent stages. A crucial role for liver nonparenchymal cells, 65
McCutchan, T. F. and Waters, A. P., Mutations with multiple independent origins in surface antigens mark the targets of biological selective pressure, 23
Medgyesi, G., see Rozsnyay, Z., 303
Meding, S. J., see Langhorne, J., 101
Meis, J. F. G. M., see Hollingdale, M. R., 71
Melancon-Kaplan, J., see Weidanz, W. P., 87
Mellouk, S., see Green, S. J., 15
Mellouk, S., see Hoffman, S. L., 33
Meltzer, M. S., see Green, S. J., 15
Mendis, K. N., Naotunne, T. de S., Karunaweera, N. D., Del Giudice, G., Grau, G. E. and Carter, R., Antiparasite effects of cytokines in malaria, 217
Mikawa, H., see Watanabe, H., 313
Miller, L. H., see Kumar, S., 109
Miltgen, F., see Mazier, S., 65
Morein, B., The iscom: an immunostimulating system, 281
Morita, M., see Watanabe, H., 313

Morzycki, W., Sadowska, J. and Issekutz, A. C., Interleukin-1 and tumour necrosis factor α induced polymorphonuclear leukocyte-endothelial cell adhesion and transendothelial migration in vitro: the effect of apical versus basal monolayer stimulation, 331
Mousli, M., Bronner, C., Bockaert, J., Rouot, B. and Landry, Y., Interaction of substance P, compound 48/80 and mastoparan with the α-subunit C-terminus of G protein, 355
Müller, H. M., see Crisanti, A., 143
Müller, I., see Del Giudice, G., 59

Nacy, C. A., see Green, S. J., 15
Nambu, M., see Watanabe, H., 313
Naotunne, T. de S., see Mendis, K. N., 217
Nardin, E. H., T cell responses in a sporozoite-immunized human volunteer and a chimpanzee, 43
Ng, C., see Shear, H. L., 123
Nowotarski, M., see Stevenson, M. M., 115
Nugud, A. H. D., see Bayoumi, R. A., 243
Nussenzweig, R. S. and Yoshida, N., Variation of T cell epitopes of the *Plasmodium falciparum* CS protein: its occurrence, extent and relevance, 21
Nussenzweig, R. S., see Romero, P., 27
Nussler, A., see Mazier, S., 65

Odell, J. D., see Yonk, L. J., 341
Olerup, O., see Troye-Blomberg, M., 129
Ong, C. S. L., see Targett, G. A. T., 77
Osipova, T. V., see Brondz, B. D., 319

Pattanapanyasat, K., see Ho, M., 139
Perlaza, B. L., see Herrera, S., 251
Perlmann, H., see Troye-Blomberg, M., 129
Perlmann, P., see Troye-Blomberg, M., 129
Pied, S., see Mazier, S., 65
Piguet, P. F., see Grau, G. E., 189
Playfair, J. H. L., Non-specific killing mechanisms effective against blood stage malaria parasites, 173
Playfair, J. H. L., see Taverne, J., 207
Pointaire, P., see Grau, G. E., 189
Poltoranina, V. S., see Yazova, A. K., 325
Pongponratn, E., see Riganti, M., 199
Punpoowong, B., see Riganti, M., 199
Puri, S. K., see Maheshwari, R. K., 53

Rason, M. D., see Chougnet, C., 231
Reimert, C. M., see Theander, T. G., 237
Richards, R. L., see Alving, C. R., 275
Riganti, M., Pongponratn, E., Tegoshi, T., Looareesuwan, S., Punpoowong, B. and Aikawa, M., Human cerebral malaria in Thailand: a clinico-pathological correlation, 199
Riley, E. and Greenwood, B., Measuring cellular immune responses to malaria antigens in endemic populations: epidemiological, parasitological and physiological factors which influence in vitro assays, 221
Riley, E. M., see Troye-Blomberg, M., 129
Rogers, N. C., see Targett, G. A. T., 77
Romagnoli, P., see Sinigaglia, M., 265
Romero, P., Maryanski, J. L., Cordey, A.-S., Corradin, G., Nussenzweig, R. S. and Zavala, F., Isolation and characterization of protective cytolytic T cells in a rodent malaria model system, 27
Rouot, B., see Mousli, M., 355
Roussilhon, C., Hundt, E., Agrapart, M., Stüber, W., Knapp, B., Dubois, P. and Ballet, J. J., Responses of T cells from sensitized donors to recombinant and synthetic peptides corresponding to sequences of the *Plasmodium falciparum* SERP antigen, 149
Rozsnyay, Z., Sármay, G., Szabó, I., Medgyesi, G., Gorini, G. and Gergely, J., Fine specificity of a rabbit antibody interacting with human IgG Fc receptor-like molecules, 303
Rzepczyk, C. M., Csurhes, P. A., Baxter, E. P., Doran, T. J., Irving D. O. and Kere, N., Amino acid sequences recognized by T cells: studies on a merozoite surface antigen from the FCQ-27/PNG isolate of *Plasmodium falciparum*, 155
Rzepczyk, C. M., see Ferrante, A., 179
Rénia, L., see Del Giudice, G., 59
Rénia, L., see Mazier, S., 65

Sadowska, J., see Morzycki, W., 331
Saeed, B. O., see Bayoumi, R. A., 243
Saeed, B. O., see Theander, T. G., 237
Saksela, E., see Yagita, M., 347
Sanchez, C. A., see Herrera, S., 251
Savel, J., see Chougnet, C., 231
Sedegah, M., see Hoffman, S. L., 33
Shear, H. L., Ng, C. and Zhao, Y., Cytokine production in lethal and non-lethal murine malaria, 123
Simon-Haarhaus, B., see Langhorne, J., 101
Sina, B., see Hollingdale, M. R., 71
Singh, V. K., see Yonk, L. J., 341
Sinigaglia, M., Guttinger, M., Romagnoli, P. and Takacs, B., Malaria antigens and MHC restriction, 265
Sjöberg, K., see Troye-Blomberg, M., 129
Srikantan, V., see Maheshwari, R. K., 53
Stevenson, M. M., Mi Fong Tam and Nowotarski, M., Role of interferon-γ and tumor necrosis factor in host resistance to *Plasmodium chabaudi* AS, 115
Strosberg, A. D., see Chouchane, L., 359
Stüber, W., see Roussilhon, C., 149
Szabó, I., see Rozsnyay, Z., 303
Sármay, G., see Rozsnyay, Z., 303

Tacchini-Cotier, F., see Grau, G. E., 189
Takacs, B., see Sinigaglia, M., 265
Tam, M. F., see Stevenson, M. M., 115
Tanaka, M., see Watanabe, H., 313
Targett, G. A. T., Harte, P. G., Eida, S., Rogers, N. C. and Ong, C. S. L., *Plasmodium falciparum* sexual stage antigens: immunogenicity and cell-mediated responses, 77
Taverne, J., Bate, C. A. W. and Playfair, J. H. L., Malaria exoantigens induce TNF, are toxic and are blocked by T-independent antibody, 207
Tegoshi, T., see Riganti, M., 199

Theander, T. G., Hviid, L., Abu-Zeid, Y. A., Abdulhadi, N. H., Saeed, B. O., Jakobsen, P. H., Reimert, C. M., Jepsen, S., Bayoumi, R. A. L. and Jensen, J. B., Reduced cellular immune reactivity in healthy individuals during the malaria transmission season, 237
Theander, T. G., see Bayoumi, R. A., 243
Tongtawe, P., see Ho, M., 139
Traincard, F., see Chouchane, L., 359
Troye-Blomberg, M., Sjöberg, K., Olerup, O., Riley, E. M., Kabilan, L., Perlmann, H., Marbiah, N. T. and Perlmann, P., Characterization of regulatory T cell responses to defined immunodominant T cell epitopes of the *Plasmodium falciparum* antigen Pf155/RESA, 129
Tsuruta, S., see Watanabe, H., 313

Vassalli, P., see Grau, G. E., 189

Warren, R. P., see Yonk, L. J., 341
Warren, W. L., see Yonk, L. J., 341
Watanabe, H., Kawabe, T., Yodoi, J., Tanaka, M., Kim, K.-M., Nambu, M., Tsuruta, S., Morita, M., Yorifuji, T., Mayumi, M. and Mikawa, H., Transforming growth factor β and dexamethasone suppress the expression of Fcε receptor 2 (CD23) on a human eosinophilic cell line EoL-3, 313
Waters, A. P., see McCutchan, T. F., 23
Webster, H. K., see Ho, M., 135
Webster, H. K., see Ho, M., 139
Weidanz, W. P., Melancon-Kaplan, J. and Cavacini, L. A., Cell-mediated immunity to the asexual blood stages of malarial parasites: animal models, 87
Weidanz, W. P., see Ho, M., 139
Weiss, L., The spleen in malaria: the role of barrier cells, 165
Weiss, W., see Hoffman, S. L., 33
Weiss, W. R., Host-parasite interactions and immunity to irradiated sporozoites, 39
White, E., see Yonk, L. J., 341
Wright, C., see Hollingdale, M. R., 71

Yagita, M. and Saksela, E., Reduction by OK-432 of the monolayer contact-mediated inhibition of human natural killer cell activity, 347
Yakimenko, E. F., see Yazova, A. K., 325
Yazova, A. K., Goussev, A. I., Poltoranina, V. S. and Yakimenko, E. F., Human α-fetoprotein epitopes as revealed by monoclonal antibodies, 325
Yodoi, J., see Watanabe, H., 313
Yonk, L. J., Warren, R. P., Burger, R. A., Cole, P., Odell, J. D., Warren, W. L., White, E. and Singh, V. K., $CD4^+$ helper T cell depression in autism, 341
Yorifuji, T., see Watanabe, H., 313
Yoshida, N., see Nussenzweig, R. S., 21

Zavala, F. and Chai, S., Protective anti-sporozoite antibodies induced by a chemically defined synthetic vaccine, 271
Zavala, F., see Romero, P., 27
Zevering, Y., see Good, M. F., 49
Zhao, Y., see Shear, H. L., 123
Zhu, J., see Hollingdale, M. R., 71